

LOGGED BY M. McKee	BEGIN DATE 12-17-07	COMPLETION DATE 12-18-07	BOREHOLE LOCATION (Lat/Long or North/East and Datum) N / E (NAD83)	HOLE ID TS-R1A-PZ-I
DRILLING CONTRACTOR Gregg Drilling and Testing, Inc.	BOREHOLE LOCATION (Offset, Station, Line) Offset 221ft R Sta 53+20 NB Alignment		SURFACE ELEVATION ft (NAVD88)	
DRILLING METHOD Mud Rotary	DRILL RIG Fraste Multi-drill (truck)		BOREHOLE DIAMETER 5 in.	
SAMPLER TYPE(S) AND SIZE(S) (ID)	SPT HAMMER TYPE		HAMMER EFFICIENCY, ERI	
BOREHOLE BACKFILL AND COMPLETION 2" dia. Standpipe Piezo Screened 15.0 to 20.0 ft	GROUNDWATER DURING DRILLING AFTER DRILLING (DATE) READINGS		TOTAL DEPTH OF BORING 21 ft	

ELEVATION (ft)	DEPTH (ft)	Material Graphics	Description	Sample Location	Sample Number	Blows per 6 In	Blows per Foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
	0		4" ASPHALTIC CONCRETE.												14" diameter AC coring
	1		Brown to reddish brown SILTY SAND WITH GRAVEL: moist. [FILL]												
	2		Reddish brown SAND WITH GRAVEL (CHERT): sand is fine, vulcanized clay pipe and brick fragments - moist.												4" diameter steel pipe encountered at depth of 21" (photo); moved 2' NE and began coring AC again; pipe orientation ~N55°W
	3														10:45, drilling ??; driller will push 8" diameter conductor casing
	4		Grades with nails and harder 4" brick fragments.												
	5		Gray CLAYEY SAND: trace shell fragments - very moist.												
	6														
	7		Greenish gray FAT CLAY WITH SAND: medium stiff - moist. [BAY MUD]												
	8														
	9														
	10		Gray CLAY, high plasticity, ~soft, very moist.												12:45, 8" casing set to 10'
	11		10.0 - 11.5', grades with white shell fragments [BAY MUD].												~14:15, work stops for today
	12		Greenish gray CLAYEY SAND: moist. [MARINE SAND]												12/18/07 - 12:00, drilling resumes
	13														
	14														
	15														
	16		Grades less clayey at ~16.0'.												
	17														
	18														
	19														
	20		Grades clayey at ~19.5' - 21.0'.												
	21		Borehole terminated at a depth of 21 feet on 12/18/2007.												
	22		See Boring Record Legend for soil classification chart and key to test data and sampler type.												
	23														
	24														
	25														



Department of Transportation  
Division of Engineering Services  
Geotechnical Services

REPORT TITLE  
BORING RECORD

DIST. 4	COUNTY S.F.	ROUTE 101	POSTMILE 8.3/9.4
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HOLE ID TS-R1A-PZ-I
EA 163701

PROJECT OR BRIDGE NAME  
Doyle Drive Replacement Project

BRIDGE NUMBER N/A	PREPARED BY T. Carroll
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DATE 11-3-08	SHEET 1 of 1
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